

Assessment of the clinical and electrophysiological characteristics of atrial fibrillation during and after cardiac surgery

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Stellingen

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‘Assessment of the clinical and electrophysiological characteristics of atrial fibrillation during and after cardiac surgery’

Elham Bidar

30 November 2018

1. Postoperative atrial fibrillation (POAF) is not a transient arrhythmia and patients developing POAF should be monitored for AF recurrences after discharge. *(This thesis)*
2. POAF is a reflection of the vulnerability of the underlying structural substrate of AF that results from advanced age and co-morbidities. *(This thesis)*
3. Non-invasive substrate characterization such as by P-wave analysis can predict AF development. *(This thesis)*
4. Besides rhythm history and clinical history of a patient, also the severity of the underlying substrate should be considered in management strategies of AF. *(This thesis)*
5. Although computer models become more and more realistic, they are still far from being applicable to clinical decision-making.
6. For persistence, fibrillation waves travel towards excitable tissue, even if it leads them to the other side.
7. Assessment of social justice in a society should resemble the assessment of health: a “one size fits all” mentality does not suffice due to people’s individualities.
8. By counterbalancing selfishness, empathy and altruism have contributed to survival of human race and form the basis of freedom by limiting algorithmic behaviour.
9. The natural distribution is neither just nor unjust; nor is it unjust that persons are born into society at some particular position. These are simply natural facts. What is just and unjust is the way that institutions deal with these facts. *(John Rawls, A theory of Justice)*
10. There is no blue, without yellow and without orange. *(Vincent van Gogh)*